

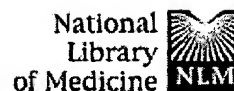
## WEST Search History

DATE: Wednesday, February 05, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
	<i>DB=USPT,PGPB; PLUR=YES; OP=OR</i>		
L18	L17 AND human	152	L18
L17	g-protein ADJ receptor	154	L17
L16	g-protein-coupled-receptor	5	L16
L15	L14 AND GPCR	6	L15
L14	((424/130.1 )!.CCLS. )	938	L14
L13	((L424/103.1 )!.CCLS. )	0	L13
L12	L11 AND GPCR	128	L12
L11	L10 AND g-protein	655	L11
L10	((530/300  530/350  530/412 )!.CCLS. )	10605	L10
L9	L8 AND human	1223	L9
L8	L7 AND receptor	1232	L8
L7	L6 AND g-protein	1258	L7
L6	((435/7.1  435/69.1  435/69.7  435/70.1  435/252.3  435/320.1  435/325 )!.CCLS. )	25520	L6
L5	L4 AND g-protein	166	L5
L4	L3 AND GPCR	183	L4
L3	((536/23.1  536/23.4  536/23.5 )!.CCLS. )	12651	L3
L2	Duecker.IN.	16	L2
L1	(Duecker-Klaus.IN.)	0	L1

END OF SEARCH HISTORY

RESULT 6  
 AAZ25345  
 ID AAZ25345 standard; cDNA; 2467 BP.  
 XX  
 AC AAZ25345;  
 XX  
 DT 20-DEC-1999 (first entry)  
 XX  
 DE Human LGR7 long form nucleotide sequence.  
 XX  
 KW Human; LGR4; LGR5; LGR7; G-protein coupled receptor; gene therapy;  
 KW extracellular leucine rich repeat region; mapping; identification; ss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN MO9948921-A1.  
 XX  
 PD 30-SEP-1999.  
 XX  
 PF 25-MAR-1999; 99WO-US06573.  
 XX  
 PR 26-MAR-1998; 98US-0079501.  
 XX  
 PA (STRD ) UNIV LELAND STANFORD JUNIOR.  
 PA (ORGA ) ORGANON NV.  
 XX  
 PI Hsueh AJW, Hsu SY, Liang S, Van Der Spek PJ;  
 XX  
 DR WPI; 1999-591074/50.  
 DR P-PSDB; AAY42170.  
 XX  
 PT New G-protein coupled receptors, useful for identifying their own  
 PT ligands -  
 XX  
 PS Claim 4; Fig 3; 54pp; English.  
 XX  
 CC The present sequence encodes the human G-protein coupled receptor  
 CC having extracellular leucine rich repeat regions, designated LGR7 long  
 CC form. The LGR4, LGR5 and LGR7 proteins are used to identify ligands for  
 CC the receptor. The polypeptides and/or polynucleotides are also useful  
 CC for homologous or related genes, producing compositions that modulate  
 CC the expression or function of the receptors, gene therapy, mapping  
 CC functional regions of the receptors, studying associated physiological  
 CC pathways, in vivo prophylactic and therapeutic purposes, as immunogens  
 CC for producing antibodies, and for identifying biologically active  
 CC agents. The polypeptides contain a G-protein coupled seven  
 CC transmembrane region and a leucine rich repeat extracellular domain.  
 CC These regions capture and facilitate optimal orientation of its ligand.  
 CC The proteins are also expressed in diverse tissues.  
 XX  
 SQ Sequence 2467 BP; 747 A; 487 C; 474 G; 759 T; 0 other;  
 Query Match 92.7%; Score 439.2; DB 20; Length 2467;  
 Best-Local Similarity 96.8%; Pred. No. 4.4e-109;  
 Matches 459; Conservative 0; Mismatches 13; Indels 2; Gaps 1;  
 Qy 1 GCCCAGATTATTTCAGTGGCAATTTTCTTGGTATTAAATTTGGCCGCAATTTATCATCATA 60  
 Db 1919 GCCCAGATTATTTCAGTGGCAATTTTCTTGGTATTAAATTTGGCCGCAATTTATCATCATA 1978  
 Qy 61 GTTTTTTCTATGGAAGCATGTTTATAGTGTTTCATCAAAGTGCCATAACAGCAACTGAA 120  
 Db 1979 GTTTTTTCTATGGAAGCATGTTTATAGTGTTTCATCAAAGTGCCATAACAGCAACTGAA 2038  
 Qy 121 ATACGGAATCAAGTTAAAAAGAGATGATCCTTGCCAAACGTTTTTCTTTATAGTATTT 180  
 Db 2039 ATACGGAATCAAGTTAAAAAGAGATGATCCTTGCCAAACGTTTTTCTTTATAGTATTT 2098  
 Qy 181 ACTGATGCATTATGCTGGATACCCATTTTGTAGCGAAACCTCTTTCACTGCTTCAGGTA 240  
 Db 2099 ACTGATGCATTATGCTGGATACCCATTTTGTAGTGAATTTCTTTCACTGCTTCAGGTA 2158  
 Qy 241 GAAATACCGGTACCATAACCTCTGGGTAGTGATTGGTTATTCTGCCATTAACAGTGCT 300  
 Db 2159 GAAATACCGGTACCATAACCTCTGGGTAGTGATTTTTATTCTGCCATTAACAGTGCT 2218  
 Qy 301 TTGAACCCAATTCTCTATACTCTGACCACAAGACCATTTAAAGAAATGATTATCGGTTT 360  
 Db 2219 TTGAACCCAATTCTCTATACTCTGACCACAAGACCATTTAAAGAAATGATTATCGGTTT 2278  
 Qy 361 TGCATAACTACAGACAAAGAAAATCTATGGACAGCAAGGTATCAGAAAAACATATGCTC 420  
 Db 2279 TGGTATACTACAGACAAAGAAAATCTATGGACAGCAAGG--TCAGAAAAACATATGCTC 2336  
 Qy 421 CATCATTCATCTGGGGGAAATGTGGCCACTGCAGGAGATGCCACCTGAGTTAA 474  
 Db 2337 CATCATTCATCTGGGTGAAATGTGGCCACTGCAGGAGATGCCACCTGAGTTAA 2390



PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Bc

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- ☐ 1: [Abbracchio MP, Boeynaems JM, Barnard EA, Boyer JL, Kennedy C, Miras-Portugal MT, King BF, Gachet C, Jacobson KA, Weisman GA, Burnstock G.](#) Related Articles, Links

Characterization of the UDP-glucose receptor (re-named here the P2Y(14) receptor) adds diversity to the P2Y receptor family.

Trends Pharmacol Sci. 2003 Feb;24(2):52-5.

PMID: 12559763 [PubMed - in process]

- ☐ 2: [Qanbar R, Bouvier M.](#) Related Articles, Links

Role of palmitoylation/depalmitoylation reactions in G-protein-coupled receptor function.

Pharmacol Ther. 2003 Jan;97(1):1-33.

PMID: 12493533 [PubMed - in process]

- ☐ 3: [Steele AD, Szabo I, Bednar F, Rogers TJ.](#) Related Articles, Links

Interactions between opioid and chemokine receptors: heterologous desensitization.

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PMID: 12486875 [PubMed - indexed for MEDLINE]

- ☐ 4: [Smyth EM, FitzGerald GA.](#) Related Articles, Links

Human prostacyclin receptor.

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- ☐ 5: [Theilade J, Haunso S, Sheikh SP.](#) Related Articles, Links

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- ☐ 6: [Benovic JL.](#) Related Articles, Links

Novel beta2-adrenergic receptor signaling pathways.

J Allergy Clin Immunol. 2002 Dec;110(6 Suppl):S229-35. Review.

PMID: 12464929 [PubMed - indexed for MEDLINE]

- ☐ 7: [Stenkamp RE, Filipek S, Driessen CA, Teller DC, Palczewski K.](#) Related Articles, Links

Crystal structure of rhodopsin: a template for cone visual pigments and other G protein-coupled receptors.

Biochim Biophys Acta. 2002 Oct 11;1565(2):168-82. Review.  
PMID: 12409193 [PubMed - indexed for MEDLINE]

☐ **8:** [Shenker A.](#) Related Articles, Links

Activating mutations of the lutropin choriogonadotropin receptor in precocious puberty.

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PMID: 12408104 [PubMed - indexed for MEDLINE]

☐ **9:** [New DC, Wong YH.](#) Related Articles, Links

The ORL1 receptor: molecular pharmacology and signalling mechanisms.

Neurosignals. 2002 Jul-Aug;11(4):197-212. Review.  
PMID: 12393946 [PubMed - indexed for MEDLINE]

☐ **10:** [Cui Y, Le Y, Yazawa H, Gong W, Wang JM.](#) Related Articles, Links

Potential role of the formyl peptide receptor-like 1 (FPRL1) in inflammatory aspects of Alzheimer's disease.

J Leukoc Biol. 2002 Oct;72(4):628-35. Review.  
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☐ **11:** [Huang Z.](#) Related Articles, Links

Structure, function and modulation of chemokine receptors: members of the g-protein-coupled receptor superfamily.

Mini Rev Med Chem. 2002 Aug;2(4):373-83. Review.  
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☐ **12:** [Zhou CJ, Shioda S, Yada T, Inagaki N, Pleasure SJ, Kikuyama S.](#) Related Articles, Links

PACAP and its receptors exert pleiotropic effects in the nervous system by activating multiple signaling pathways.

Curr Protein Pept Sci. 2002 Aug;3(4):423-39. Review.  
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☐ **13:** [Onuffer JJ, Horuk R.](#) Related Articles, Links

Chemokines, chemokine receptors and small-molecule antagonists: recent developments.

Trends Pharmacol Sci. 2002 Oct;23(10):459-67. Review.  
PMID: 12368070 [PubMed - indexed for MEDLINE]

☐ **14:** [George SR, O'Dowd BF, Lee SP.](#) Related Articles, Links

G-protein-coupled receptor oligomerization and its potential for drug discovery.

Nat Rev Drug Discov. 2002 Oct;1(10):808-20. Review.  
PMID: 12360258 [PubMed - indexed for MEDLINE]

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Receptor crosstalk. Implications for cardiovascular function, disease and therapy.

Eur J Biochem. 2002 Oct;269(19):4713-30. Review.  
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☐ **16:** [Garriga P, Manyosa J.](#) Related Articles, Links

The eye photoreceptor protein rhodopsin. Structural implications for retinal

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Odor discrimination by G protein-coupled olfactory receptors.

Microsc Res Tech. 2002 Aug 1;58(3):135-41. Review.

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☐ **18:**[Pearce SH.](#)

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Clinical disorders of extracellular calcium-sensing and the molecular biology of the calcium-sensing receptor.

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Discovery and development of respirable antisense therapeutics for asthma.

Antisense Nucleic Acid Drug Dev. 2002 Jun;12(3):177-81. Review.

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Update on Kaposi's sarcoma and other HHV8 associated diseases. Part 2: pathogenesis, Castleman's disease, and pleural effusion lymphoma.

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☐ **21:**[Nickenig G.](#)

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PMID: 12140725 [PubMed - indexed for MEDLINE]

☐ **22:**[Poronnik P, Cummins MM, O'Mullane LM, Cook DI.](#)

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Use of adenoviruses to study isoform specificity of G-protein-receptor-coupled Ca<sup>2+</sup> signaling in intact epithelial cells.

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- ☐ **26:**[Tobin AB.](#) Related Articles, Links  
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- ☐ **27:**[Moss IR, Laferriere A.](#) Related Articles, Links  
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- ☐ **28:**[English D, Brindley DN, Spiegel S, Garcia JG.](#) Related Articles, Links  
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- ☐ **29:**[Pyne S, Pyne NJ.](#) Related Articles, Links  
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- ☐ **30:**[Yart A, Chap H, Raynal P.](#) Related Articles, Links  
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- ☐ **31:**[Xu Y.](#) Related Articles, Links  
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- ☐ **32:**[Hunzicker-Dunn M, Gurevich VV, Casanova JE, Mukherjee S.](#) Related Articles, Links  
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- ☐ **33:**[Payne AS, Cornelius LA.](#) Related Articles, Links  
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- ☐ **34:**[Basavarajappa BS, Hungund BL.](#) Related Articles, Links  
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- ☐ **35:**[Hatae N, Sugimoto Y, Ichikawa A.](#) Related Articles, Links  
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- ☐ **36:**[Honda Z, Ishii S, Shimizu T.](#) Related Articles, Links  
Platelet-activating factor receptor.  
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- ☐ **37:**[Culler MD, Taylor JE, Moreau JP.](#) Related Articles, Links  
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- ☐ **38:**[Christopoulos A, Kenakin T.](#) Related Articles, Links  
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- ☐ **39:**[Aliberti J, Sher A.](#) Related Articles, Links  
Positive and negative regulation of pathogen induced dendritic cell function by G-protein coupled receptors.  
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- ☐ **40:**[Jose PA, Eisner GM, Felder RA.](#) Related Articles, Links  
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- ☐ **41:**[Balasubramaniam A.](#) Related Articles, Links  
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- ☐ **42:**[Belcheva MM, Coscia CJ.](#) Related Articles, Links  
Diversity of G protein-coupled receptor signaling pathways to ERK/MAP kinase.  
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- ☐ **43:**[Johnson EN, Druey KM.](#) Related Articles, Links  
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J Allergy Clin Immunol. 2002 Apr;109(4):592-602. Review.  
PMID: 11941304 [PubMed - indexed for MEDLINE]
- ☐ **44:**[Rios CD, Jordan BA, Gomes I, Devi LA.](#) Related Articles, Links

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Welcome to STN International! Enter x:x
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FILE 'HOME' ENTERED AT 10:21:31 ON 05 FEB 2003
=> file CAPLUS
=> s g-protein coupled receptor
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    1706694 PROTEIN
        (PROTEIN OR PROTEINS)
    241434 COUPLED
    499444 RECEPTOR
    456606 RECEPTORS
    594889 RECEPTOR
        (RECEPTOR OR RECEPTORS)
L1      9003 G-PROTEIN COUPLED RECEPTOR
        (G(W)PROTEIN(W)COUPLED(W)RECEPTOR)

=> s L1 AND human
    1090021 HUMAN
    302413 HUMANS
    1247991 HUMAN
        (HUMAN OR HUMANS)
L2      3568 L1 AND HUMAN

=> s L2 AND PY<1997
    17344764 PY<1997
L3      676 L2 AND PY<1997

=> s L3 AND screening assay
    129170 SCREENING
    1332 SCREENINGS
    130204 SCREENING
        (SCREENING OR SCREENINGS)
    274933 ASSAY
    116987 ASSAYS
    358868 ASSAY
        (ASSAY OR ASSAYS)
    2491 SCREENING ASSAY
        (SCREENING(W)ASSAY)
L4      1 L3 AND SCREENING ASSAY

=> D L4

L4      ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AN      1995:753268 CAPLUS
DN      123:307713
TI      Cloning, chromosomal localization, and RNA expression of a ***human***
        .beta. chemokine receptor-like gene
AU      Combadiere, Christophe; Ahuja, Sunil K.; Murphy, Philip M.
CS      Lab. Host Defenses, Natl. Inst. Allergy Infectious Diseases, Bethesda, MD,
        20892, USA
SO      DNA and Cell Biology ( ***1995*** ), 14(8), 673-80
        CODEN: DCEBE8; ISSN: 1044-5498
PB      Liebert
DT      Journal
LA      English

=> s GPCR
    1208 GPCR
    922 GPCRS
L5      1561 GPCR
        (GPCR OR GPCRS)

=> s L5 AND review
    1762645 REVIEW
    34109 REVIEWS
    1778230 REVIEW
        (REVIEW OR REVIEWS)
L6      434 L5 AND REVIEW

=> s L6 AND assay
    274933 ASSAY

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116987 ASSAYS  
358868 ASSAY  
(ASSAY OR ASSAYS)  
L7 30 L6 AND ASSAY

=> D L7 1-30

L7 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:903045 CAPLUS  
TI Enzyme fragment complementation: a flexible high throughput screening  
\*\*\*assay\*\*\* technology  
AU Eglen, Richard M.  
CS DiscoverX Corporation, Fremont, CA, 94538, USA  
SO Assay and Drug Development Technologies (2002), 1(1-1), 97-104  
CODEN: ADDTAR; ISSN: 1540-658X  
PB Mary Ann Liebert, Inc.  
DT Journal  
LA English  
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:884829 CAPLUS  
TI Yeast \*\*\*Assays\*\*\* for G-Protein-Coupled Receptors  
AU Dowell, S. J.; Brown, A. J.  
CS Gene Expression and Protein Biochemistry, GlaxoSmithKline, Medicines  
Research Centre, Hertfordshire, UK  
SO Receptors and Channels (2002), 8(5/6), 343-352  
CODEN: RCHAE4; ISSN: 1060-6823  
PB Taylor & Francis Ltd.  
DT Journal  
LA English  
RE.CNT 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:884813 CAPLUS  
TI The Use of Biosensors to Study \*\*\*GPCR\*\*\* Function: Applications for  
High-Content Screening  
AU Conway, Bruce R.; Demarest, Keith T.  
CS Department of Drug Discovery, R. W. Johnson Pharmaceutical Research  
Institute, Raritan, NJ, USA  
SO Receptors and Channels (2002), 8(5/6), 331-341  
CODEN: RCHAE4; ISSN: 1060-6823  
PB Taylor & Francis Ltd.  
DT Journal  
LA English  
RE.CNT 113 THERE ARE 113 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:884810 CAPLUS  
TI \*\*\*GPCR\*\*\* Drug Discovery Through the Exploitation of Allosteric Drug  
Binding Sites  
AU Rees, Stephen; Morrow, Dwight; Kenakin, Terry  
CS Molecular Screening, GlaxoSmithKline, Herts, UK  
SO Receptors and Channels (2002), 8(5/6), 261-268  
CODEN: RCHAE4; ISSN: 1060-6823  
PB Taylor & Francis Ltd.  
DT Journal  
LA English  
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:745892 CAPLUS  
TI G-Protein-coupled receptor oligomerization and its potential for drug  
discovery  
AU George, Susan R.; O'Dowd, Brian F.; Lee, Samuel P.  
CS Department of Pharmacology, University of Toronto, 1 King's College  
Circle, Toronto, ON, M5S 1A8, Can.  
SO Nature Reviews Drug Discovery (2002), 1(10), 808-820  
CODEN: NRDDAG; ISSN: 1474-1776  
PB Nature Publishing Group  
DT Journal  
LA English

RE.CNT 125 THERE ARE 125 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:575942 CAPLUS  
TI The use of constitutively active \*\*\*GPCRs\*\*\* in drug discovery and  
functional genomics  
AU Chalmers, Derek T.; Behan, Dominic P.  
CS Arena Pharmaceuticals, San Diego, CA, 92121, USA  
SO Nature Reviews Drug Discovery (2002), 1(8), 599-608  
CODEN: NRDDAG; ISSN: 1474-1776  
PB Nature Publishing Group  
DT Journal  
LA English

RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:507205 CAPLUS  
DN 137:211031  
TI G protein-coupled receptor allosterism and complexing  
AU Christopoulos, Arthur; Kenakin, Terry  
CS Department of Pharmacology, University of Melbourne, Victoria, Australia  
SO Pharmacological Reviews (2002), 54(2), 323-374  
CODEN: PAREAQ; ISSN: 0031-6997  
PB American Society for Pharmacology and Experimental Therapeutics  
DT Journal; General Review  
LA English

RE.CNT 354 THERE ARE 354 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:350255 CAPLUS  
DN 138:69149  
TI Membrane receptor proteins at interfaces for bioanalytics in the micro-  
and nanometer range  
AU Vogel, Horst  
CS Department of Chemistry, Swiss Federal Institute of Technology, Lausanne,  
CH-1015, Switz.  
SO Micro Total Analysis Systems 2001, Proceedings .mu.TAS 2001 Symposium,  
5th, Monterey, CA, United States, Oct. 21-25, 2001 (2001), 242-243.  
Editor(s): Ramsey, J. Michael; Berg, Albert van den. Publisher: Kluwer  
Academic Publishers, Dordrecht, Neth.  
CODEN: 69COT6; ISBN: 1-4020-0148-7  
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LA English

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L7 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:334459 CAPLUS  
DN 138:69142  
TI From receptor to endogenous ligand  
AU Nothacker, Hans-Peter; Reinscheid, Rainer K.; Civelli, Olivier  
CS Department of Pharmacology, University of California, Irvine, CA,  
92697-4625, USA  
SO Receptors: Structure and Function (2nd Edition) (2001), 41-64. Editor(s):  
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Oxford, UK.  
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L7 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:230537 CAPLUS  
DN 137:334705  
TI Functional \*\*\*assays\*\*\* for mammalian G-protein-coupled receptors in  
yeast  
AU Montesana, Pamela E.; Dosil, Mercedes; Konopka, James B.  
CS Department of Molecular Genetics and Microbiology, State University of New  
York, Stony Brook, NY, 11794, USA  
SO Methods in Enzymology (2002), 344(G Protein Pathways, Part B), 92-111  
CODEN: MENZAU; ISSN: 0076-6879  
PB Academic Press

DT Journal; General Review  
LA English

L7 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:225378 CAPLUS  
DN 137:72394

TI Constitutively activated G protein-coupled receptors: a novel approach to  
CNS drug discovery

AU Menzaghi, Frederique; Behan, Dominic P.; Chalmers, Derek T.

CS Arena Pharmaceuticals, Inc., San Diego, CA, 92131, USA

SO Current Drug Targets: CNS & Neurological Disorders (2002), 1(1), 105-121

CODEN: CDTCCC; ISSN: 1568-007X

PB Bentham Science Publishers Ltd.

DT Journal; General Review

LA English

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L7 ANSWER 12 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:45053 CAPLUS  
DN 136:212360

TI Peptide interactions with G-protein coupled receptors

AU Marshall, Garland R.

CS Center for Computational Biology, Washington University, St. Louis, MO,  
63110, USA

SO Biopolymers (2001), 60(3), 246-277

CODEN: BIPMAA; ISSN: 0006-3525

PB John Wiley & Sons, Inc.

DT Journal; General Review

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L7 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:22382 CAPLUS  
DN 136:63336

TI Orphan g-protein coupled receptors are fruitful sources for drug discovery

AU Mizukami, Yoichi

CS Dept. of Physiology I and Organ Pathophysiology, Yamaguchi University

School of Medicine, 1-1-1, Minami-kogushi, Ube, Yamaguchi, 755-8505, Japan

SO Yamaguchi Igaku (2001), 50(5), 763-769

CODEN: YIKUAO; ISSN: 0513-1731

PB Yamaguchi Daigaku Igakkai

DT Journal; General Review

LA Japanese

L7 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:812977 CAPLUS  
DN 136:161416

TI Methods to determine the constitutive activity of histamine H2 receptors

AU Leurs, Rob; Hoffmann, Marcel; Alewijnse, Astrid E.; Smit, Martine J.;  
Timmerman, Henk

CS Leiden/Amsterdam Center for Drug Research, Division of Medicinal  
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SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 405-416

CODEN: MENZAU; ISSN: 0076-6879

PB Academic Press

DT Journal; General Review

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L7 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:812976 CAPLUS  
DN 136:161415

TI Cell-free membrane desensitization \*\*\*assay\*\*\* for G protein-coupled  
receptors

AU Hunzicker-Dunn, Mary; Birnbaumer, Lutz

CS Department of Cell and Molecular Biology, Northwestern University Medical  
School, Chicago, IL, 60611, USA

SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 394-404

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L7 ANSWER 16 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:812975 CAPLUS  
DN 136:66420  
TI Reconstitution of G protein-coupled receptors with recombinant G protein  
.alpha. and .beta..gamma. subunits  
AU McIntire, William E.; Myung, Chang-Seon; MacCleery, Gavin; Wang, Qi;  
Garrison, James C.  
CS Department of Pharmacology, University of Virginia Health System,  
Charlottesville, VA, 22908, USA  
SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 372-393  
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PB Academic Press  
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L7 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:812969 CAPLUS  
DN 136:66417  
TI Analysis of structure-function from expression of G protein-coupled  
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AU Karnik, Sadashiva S.  
CS Department of Molecular Cardiology, Lerner Research Institute, The  
Cleveland Clinic Foundation, Cleveland, OH, 44195, USA  
SO Methods in Enzymology (2001), 343(G Protein Pathways, Part A), 248-259  
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AU Behan, Dominic P.; Chalmers, Derek T.  
CS Arena Pharmaceuticals Inc, San Diego, CA, 92131, USA  
SO Current Opinion in Drug Discovery & Development (2001), 4(5), 548-560  
CODEN: CODDDF; ISSN: 1367-6733  
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AN 2001:670498 CAPLUS  
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TI Insect G protein-coupled receptors and signal transduction  
AU Vanden Broeck, Jozef  
CS Laboratory for Developmental Physiology and Molecular Biology, Zoological  
Institute, K.U. Leuven, Louvain, Belg.  
SO Archives of Insect Biochemistry and Physiology (2001), 48(1), 1-12  
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DT Journal; General Review  
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L7 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:567661 CAPLUS  
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AU Versele, Mathias; Lemaire, Katleen; Thevelein, Johan M.  
CS Lab. Mol. Celbiologie and Vlaams Interuniv. Inst. Biotechnol., Katholieke  
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SO EMBO Reports (2001), 2(7), 574-579  
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L7 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:509479 CAPLUS  
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receptor signaling to mitogen-activated protein kinases  
AU Juliano, Rudolph L.; Aplin, Andrew E.; Howe, Alan K.; Short, Sarah; Lee,  
Jung weon; Alahari, Suresh  
CS Department of Pharmacology, School of Medicine, University of North  
Carolina, Chapel Hill, NC, 27599-7365, USA  
SO Methods in Enzymology (2001), 333(Regulators and Effectors of Small  
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CODEN: MENZAU; ISSN: 0076-6879  
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DT Journal; General Review  
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AU Kenakin, Terry  
CS Department of Receptor Biochemistry, Glaxo Wellcome Research and  
Development, Research Triangle Park, NC, 27709, USA  
SO Pharmacology Reviews and Communications (2000), 11(1), 93-111  
CODEN: PHRCF6; ISSN: 1028-8945  
PB Harwood Academic Publishers  
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AN 2000:773976 CAPLUS  
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derived drug discovery targets  
AU Thorpe, David S.  
CS Departments of Chemistry & Discovery Biology, Selectide, the Combinatorial  
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SO Combinatorial Chemistry and High Throughput Screening (2000), 3(5),  
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TI Opioids and Their Complicated Receptor Complexes  
AU Jordan, B. A.; Cvejic, S.; Devi, L. A.  
CS Department of Pharmacology, New York University School of Medicine, New  
York, NY, 10016, USA  
SO Neuropsychopharmacology (2000), 23(4, Suppl.), s5-s18  
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PB Elsevier Science Inc.  
DT Journal; General Review  
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L7 ANSWER 25 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 2000:510972 CAPLUS  
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AU Mattheakis, Larry C.; Ohler, Lynne D.  
CS Affymax Research Institute, Palo Alto, CA, 94304, USA  
SO High-Throughput Screening (2000), 1(1), 15-19  
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TI \*\*\*review\*\*\* of human H3 receptor gene that is cloned at last  
AU Leurs, Rob; Hoffmann, Marcel; Wieland, Kerstin; Timmerman, Henk  
CS Molecular Pharmacology, Vrije Universiteit, Amsterdam, 1081 HV, Neth.  
SO Trends in Pharmacological Sciences (2000), 21(1), 11-12  
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L7 ANSWER 27 OF 30 CAPLUS COPYRIGHT 2003 ACS  
AN 1999:720535 CAPLUS  
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AU Beaumont, Kevin; Negulescu, Paul  
CS Aurora Biosciences Corporation San Diego, USA  
SO Nature Biotechnology (1999), 17(11), 1060  
CODEN: NABIF9; ISSN: 1087-0156  
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AN 1999:490037 CAPLUS  
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AU Sommers, Christine M.; Dumont, Mark E.  
CS Department of Biochemistry and Biophysics, University of Rochester School  
of Medicine and Dentistry, Rochester, NY, USA  
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TI Chimeric G.alpha. proteins: their potential use in drug discovery  
AU Milligan, Graeme; Rees, Stephen  
CS University of Glasgow, Glasgow, G12 800, UK  
SO Trends in Pharmacological Sciences (1999), 20(3), 118-124  
CODEN: TPHSDY; ISSN: 0165-6147  
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DN 127:76106  
TI Do recombinant receptor \*\*\*assays\*\*\* provide affinity and potency  
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AU Bockaert, Joel; Brand, Celine; Journot, Laurent  
CS CNRS, UPR 9023, CCIPE Rue de la Cardonille, Montpellier, 34094, Fr.  
SO Annals of the New York Academy of Sciences (1997), 812(Receptor  
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CODEN: ANYAA9; ISSN: 0077-8923  
PB New York Academy of Sciences  
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